



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/824,437	04/15/2004	Lutz Brunnabend	11884/412001	6301
23838	7590	12/27/2007		
KENYON & KENYON LLP 1500 K STREET N.W. SUITE 700 WASHINGTON, DC 20005			EXAMINER CABUCOS, MARIE G	
			ART UNIT 2163	PAPER NUMBER
			MAIL DATE 12/27/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/824,437

Applicant(s)

BRUNNABEND ET AL.

Examiner

Marie Antoinette Cabucos

Art Unit

2163

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 19 September 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-19 are rejected under 35 U.S.C. 102(b) as being unpatentable by

Daniel C. Burfoot (US Publication no. 2002/0188629).

Regarding claims 1, 9 and 14, Burfoot discloses in figures 1-4 a correction server system comprising an analyzer (paragraph 0042, client application) to calculate an analytical result using at least one data entity stored in a database (paragraph 0032, persistence layer); a data flow manager (paragraph 0033-0038, business logic), responsive to read requests from agents to the database, to store a read history identifying a relationship between the data entity being read and the analytical result (paragraph 0046); and a correction server (paragraphs 0035-0036 and 00045-0046, calculation engine and spreadsheet peer) that, when corrections are made to the database, identifies corrected entities in a corrected entity log and compares the corrected entity log against the read history to identify analytical results rendered possibly inconsistent due to the correction (paragraphs 0045-0046).

3. Regarding claims 2-4, 10, 11, 15 and 16, Reiner Burfoot discloses in figures 1-4 a correction server system of claim 1, further comprising the reading component, which generates a new entity from the database entity that is read and stores it in the

database (paragraphs 0046); wherein the read history log identifies leading and dependent entities, a leading entity being a database entity that is read by a component and a dependent entity being a new object entity created from the database entity that is read (paragraphs 0011-0013 and 0016-0019); wherein the read history log stores paired leading entity identifiers and dependent entity identifiers relating to the prior accesses (figure 3 and paragraph 0097); and wherein the comparison is made between an entity identifier from the corrected entity log and the leading entity identifier from the read history log (paragraphs 0028-0036, DSS server and external programs that interact with the DSS server).

4. Regarding claims 5, 6, 12 and 17, Burfoot discloses in figures 1-4 a correction server system of claim 1, wherein the correction server receives correction data that includes an identifier of a database entity being corrected, an indication of fields within the database entity that are being changes and an identification of field values that are changed (paragraph 0097); wherein the corrected entity log stores all the correction data noted in claim 5 (paragraph 0046); and wherein the correction includes an entity identifier of the first database entity and an indication of fields within the first database entity being corrected (paragraphs 0011-0013 and 0016-0019).

5. Regarding claims 7, 8, 13 and 18, Burfoot discloses in figures 1-4 a correction server system of claim 1, wherein the correction server further comprises a filtering agent that compares correction information to filtering criterion and stores the correction information in the corrected entity log only if the correction information matches the filtering criterion (paragraph 0017); wherein the correction server further includes a user

interface that permits review and display of the corrected entity log, the user interface providing a "jump to" feature that, when activated with respect to an entry of the log causes a data entity referenced by the entry to be retrieved and displayed (paragraph 0041); and further comprising comparing the correction request to filtering criteria and performing the storing and comparing unless the correction request does not satisfy the filtering criteria (paragraphs 0046 and 0097).

6. Regarding claim 19, Burfoot discloses in figures 1-4 a system for identifying inconsistent data in a computer system, comprising: a first database (paragraph 0017 and figure 2, DSS server – large company; paragraph 0032, Persistence Layer of the client application) to store data generated during operation of the computer system; and a correction manager (figure 1, business logic) to manage corrections performed in the system, the correction manager further comprising: a second database (figure 1, web server) to store a list of entities corrected due to a correction performed on an entity stored in the first database; and a third database (persistence layer of the DSS server) to store a list of uncorrected entities that have been identified as potentially inconsistent due to a correction performed on an entity listed in the second database; and a data flow manager to manage access to the first database, the second database, and the third database by an analyzer, the analyzer to provide derived data to an operator of the system (paragraph 0033-0038, business logic).

Response to Arguments

Applicant's arguments with respect to claims have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Pertinent Prior Art

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Prior art of record to Levett et al (US Publication no. 2004/0117439) discloses a client software enabling a client to run a network based application.

Prior art of record to Solanki et al (US Publication no. 2005/0075910) discloses a systems and methods for quoting reinsurance.

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marie Antoinette Cabucos whose telephone number is 571-272-8582. The examiner can normally be reached on 8:30-5:00.

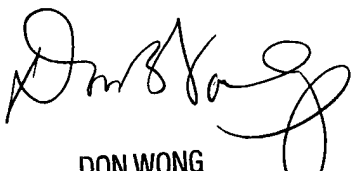
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don K. Wong can be reached on (571) 272-1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number:
10/824,437
Art Unit: 2163

Page 7

Marie Antoinette Cabucos
Examiner
Art Unit 2163



DON WONG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100